

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

**958188**

**Date:** Thursday, January 10, 2008  
**From:** Thomas Crosetto

**Subject:** Continuation of Clean-up part 3  
Rock Falls Denatured Alcohol Spill  
Interstate 88 and Highway 30 West, Rock Falls, IL  
Latitude: 41.7569000  
Longitude: -89.7808000

<b>POLREP No.:</b>	3	<b>Site #:</b>	ZZ
<b>Reporting Period:</b>	1/10/2008	<b>D.O. #:</b>	
<b>Start Date:</b>		<b>Response Authority:</b>	
<b>Mob Date:</b>	1/7/2008	<b>Response Type:</b>	Emergency
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>		<b>Contract #:</b>	
<b>RCRIS ID #:</b>			

#### **Site Description**

At approximately 1000 hours on Sunday, January 6, 2008, a tractor-trailer owned by Hickmott Trucking overturned on the on-ramp to eastbound Interstate Highway 88 at the Highway 30 West intersection (mile marker 36). This site is in Whiteside County, Illinois, approximately 5 miles west of the town of Rock Falls and 130 miles west of Chicago.

The truck was carrying 7,650 gallons of denatured ethyl alcohol and spilled all of the contents onto the ground immediately south of the on-ramp. (Denatured ethyl alcohol, or denatured ethanol, is ethanol mixed with 2 to 5% gasoline to make it undrinkable. It is used as a gasoline additive.)

The responsible party, Hickmott, hired a contractor, Bodine Services of Peoria, IL, to clean the spill, and cleanup commenced later on January 6.

#### **Current Activities**

Bodine hauled 5,000 gallons of denatured ethanol-contaminated water to a waste disposal facility in Chicago.

Bodine response manager Craig Hoby and the U.S. EPA OSC collected 11 soil samples from the site to characterize the extent of the contamination. Sample results will be available on January 17. They also took linear measurements of the site and noted the location of each sample.

The U.S. EPA OSC inspected the sand berm today and noted that it remains intact. He also conducted air monitoring of the spill area today for LEL and VOCs, and found VOCs as high as 22 ppm, but LEL readings were all at zero, indicated zero ppm of any explosive chemicals. The OSHA permissible exposure limit time-weighted average for 8 hours for ethanol is 1,000 ppm, thus the maximum found on-site today is well below any level of concern.

#### **Planned Removal Actions**

Bodine will return to the site tomorrow and transport one truckload, about 5,000 gallons, of liquid from one of the fractionation tanks to a disposal facility in Chicago. Bodine also will vacuum water from the drainage ditch south of the spill site.

The U.S. EPA OSC will continue to monitor all site activities, as well as monitor the air for VOCs and LEL.

#### **Next Steps**

Continue vacuuming water from the drainage ditch south of the spill site.

Receive soil sample results.

Formulate cleanup plan to meet state and federal cleanup requirements.

Remediate the contaminated soil.

#### **Key Issues**

Remediation of contaminated soil.

Monitor sand berm to ensure that no spilled material enters nearby Rock River.

Monitor air on-site for the presence of VOCs and explosive gases.

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	\$0.00	\$0.00	\$0.00	0.00%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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